



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

January 22, 1996

TO: Minerals File

FROM: Tom Munson, Reclamation Hydrologist *TM*

RE: Site Inspection and Owner Transfer Meeting Notes, North American Resources, Ute and Wino/Indian Queen Mine, S/001/019, Beaver County, Utah

Date of Inspection: January 11, 1996
Time of Inspection: 10:00 a.m. - 1:00 p.m.
Participants: Bill Denny and two helpers working on site; Tom Munson, DOGM
Purpose of Site Visit: To visit the site and document disturbance

Date of Meeting: January 19, 1996
Time of Meeting: 10:00 a.m. - 11:15 a.m.
Participants: Jeff Sagers (North American Resources); Gary Applegate (Indian Queen Marble LLC); Wayne Hedberg and Tom Munson, DOGM
Purpose of Meeting: To execute Transfer of Notice of Intention from Mr. Sagers to Mr. Applegate.

Site Visit

When on site on January 11, 1996, the mine site disturbances were hip chained and three large pads were measured; as well as three smaller exploration sites. It was determined that the property was larger than five acres in size. All equipment on site appeared mobile and most was owned by Mr. Applegate. No current maps had been submitted by the operator of record, Mr. Sagers. It was determined that Mr. Applegate was actually the party mining the property; therefore, a meeting was scheduled at Division offices to execute a permit transfer for site reclamation responsibility. The Division needed to pursue a course of action which would resolve the issue of permitting a large mine if the operator intended the site to be a large mine.

Disturbances at the Mine Site

Three large pads (only one being used), three smaller exploration pads (material removed), two mine roads and a BLM road not considered, at this point, approximately a mile long. Based on the area of these disturbances it was determined that the operator would have to regrade some areas to bring the disturbance below five acres or permit the site as a large mine.



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Owner Transfer Meeting

On January 19, 1995 a meeting was held at the Division offices to discuss the transfer of reclamation responsibility from Mr. Jeff Sagers to Mr. Gary Applegate.

Issues Discussed

- 1) Would the new operator, Mr. Applegate, regrade where necessary and reseed some of the unused areas to bring the disturbance below five acres, so it would remain a small mine.

Response: Mr. Applegate stated that he would like to bring the disturbance to less than five acres and could reclaim the area to less than five acres immediately. He has no immediate plans to expand his operation and was made aware that if he exceeds five acres, he will have to permit it as a large mine. He mentioned there was a potential to sell a portion of the property to a man who would quarry the marble. We informed him that this would have to be a separate and distinct operation or the two operations would be considered the same mine and be permitted as a large mine.

The Division informed the operator that if he reclaimed the upper pad and all the exploration disturbance he would be below five acres. This would be acceptable to the Division.

- 2) What kind of time frames would we be looking at to accomplish these tasks?

Response: Mr. Applegate stated that he has a rental tool and heavy equipment business in Tooele and would have no problem with getting the proper equipment to complete the task. He asked about a seed list and where he could get the seeds. That information was supplied at the meeting by DOGM staff member, Mr. Lynn Kunzler (see attached).

- 3) Discussions on a follow-up inspection to determine what areas will be regraded and reseeded.

Response: It was decided that Mr. Sagers and Mr. Applegate would meet with Division personnel on site to help determine what the necessary reclamation treatment would be for the areas selected to be reclaimed.

Mr. Munson and Mr. Hedberg postponed a scheduled trip of January 24, 1996, based on winter weather constraints and decided that the inspection could wait until we could inspect the site without much snow on the ground. As of January 26th, there was 6-9 inches of snow on the ground, based on a phone conversation with Mr. Sagers who lives in Milford. Another site trip will be scheduled when the weather permits.

Recommended Revegetation Species List

Prepared by DOGM January 19, 1995

<u>Common Name</u>	<u>Species Name</u>	<u>*Rate lbs/ac (PLS)</u>
'Hycrest' crested wheatgrass	<u>Agropyron cristatum 'Hycrest'</u>	0.5
Intermediate wheatgrass	<u>Agropyron intermedium</u>	1.0
'Piute' Orchard Grass	<u>Dactylis glomerata</u>	0.5
Basin Wildrye	<u>Elymus cinereus</u>	1.5
Indian ricegrass	<u>Oryzopsis hymenoides</u>	1.5
Ladac Alfalfa	<u>Medicago sativa</u>	1.0
Yellow sweetclover	<u>Melilotus officinalis</u>	0.5
Palmer penstemon	<u>Penstemon palmeri</u>	0.5
Small burnet	<u>Sanguisorba minor</u>	1.5
Wyoming big sagebrush	<u>Artemisia tridentata wyomingensis</u>	0.1
4-Wing Saltbush	<u>Atriplex canescens</u>	1.0
Rubber rabbitbrush	<u>Chrysothamnus nauseosus</u>	0.25
Forage kochia	<u>Kochia prostrata</u>	0.5
Total		10.35 lbs/ac

*This the recommended drill seeding rate.

If the species are to be broadcast seeded, increase the rate by 50%.